		Courage to So	oar			
		1997 Mathema				
Learning Standards						
Illinois Mathematics	}					
Grades K-3						
Activity/Lesson	State	Standards				
			Solve one- and two-step problems with			
			whole numbers using addition, subtraction,			
Soaring Higher	IL	MA.K-3.6.B.1	multiplication and division.			
			Solve problems using comparison of			
		MA 14 0 0 D 4	quantities, ratios, proportions and percents.			
Soaring Higher	IL	MA.K-3.6.D.1	Compare the numbers of objects in groups.			
			Find the unknown numbers in whole-number			
		MA 14 0 0 D 4	addition, subtraction, multiplication and			
Soaring Higher	IL	MA.K-3.8.D.1	division situations.			
			Solve problems using comparison of			
			quantities, ratios, proportions and percents.			
The Flight Timeline	lıL.	MA.K-3.6.D.1	Compare the numbers of objects in groups.			
The riight rimeline	I	W/ (0.0.D. 1	Compare the numbers of objects in groups.			
		MA.K-	Collect, organize and describe data using			
The Flight Timeline	IL	3.10.B.1b	pictures, tallies, tables, charts or bar graphs.			
			Solve problems using comparison of			
Having the Right			quantities, ratios, proportions and percents.			
Stuff	IL	MA.K-3.6.D.1	Compare the numbers of objects in groups.			
			Compare estimated measures to actual			
Flying a Styrofoam			measures taken with appropriate measuring			
Plane	IL	MA.K-3.7.B.1b	instruments.			
Flying a Styrofoam		MA.K-	Formulate questions of interest and design			
Plane	IL	3.10.B.1a	surveys or experiments to gather data.			
Looking for						
Answers:A research		MA.K-	Collect, organize and describe data using			
project	IL	3.10.B.1b	pictures, tallies, tables, charts or bar graphs.			
		MA.K-	Collect, organize and describe data using			
Controlling the Plane	l _{II}	3.10.B.1b	pictures, tallies, tables, charts or bar graphs.			
Controlling the Flane	IL.	3.10.6.10	pictures, tallies, tables, charts of bar graphs.			
		Courage to So	oar			
		1997 Mathema				
		Learning Stand	ards			
Illinois Mathematics						
Grades 4-5	0					
Activity/Lesson	State	Standards				
IZC. FELL		MA.4-	Formulate questions of interest and select			
Kite Flight	IL	5.10.B.2a	methods to systematically collect data.			
			Compare and order whole numbers,			
			fractions and decimals using concrete			
O and a till t		NAA 4 5 0 A 6	materials, drawings and mathematical			
Soaring Higher	IL	MA.4-5.6.A.2	symbols.			

			Solve one- and two-step problems involving
			whole numbers, fractions and decimals using
0		NAA 4 5 0 D 0	addition, subtraction, multiplication and
Soaring Higher	IL	MA.4-5.6.B.2	division.
			Compare and order whole numbers,
			fractions and decimals using concrete
			materials, drawings and mathematical
The Flight Timeline	IL	MA.4-5.6.A.2	symbols.
			Collect, organize and display data using
		MA.4-	tables, charts, bar graphs, line graphs, circle
The Flight Timeline	IL	5.10.B.2b	graphs, line plots and stem-and-leaf graphs.
			Compare and order whole numbers,
			fractions and decimals using concrete
Having the Right			materials, drawings and mathematical
Stuff	IL	MA.4-5.6.A.2	symbols.
			Calculate, compare and convert length,
Flying a Styrofoam			perimeter, area, weight/mass and volume
Plane	IL	MA.4-5.7.A.2a	within the customary and metric systems.
Looking for			
Answers:A research		MA.4-	Formulate questions of interest and select
project	IL	5.10.B.2a	methods to systematically collect data.
			Using a data set, determine mean, median,
		MA.4-	mode and range, with and without the use of
Controlling the Plane	IL	5.10.A.2b	technology.
			Analyze the data using mean, median, mode
		MA.4-	and range, as appropriate, with or without
Controlling the Plane	IL	5.10.B.2c	the use of technology.